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TECHNOLOGY CENTER 2800

PATENT APPLICATION

**RESPONSE UNDER 37 CFR §1.116  
EXPEDITED PROCEDURE  
TECHNOLOGY CENTER ART UNIT 2825**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Akira SATO

Group Art Unit: 2825

Application No.: 09/424,500

Examiner: G. Lee

Filed: February 22, 2000

Docket No.: 104788

For: METHOD OF MANUFACTURING SEMICONDUCTOR DEVICE, MOLDING DEVICE FOR SEMICONDUCTOR DEVICE, AND SEMICONDUCTOR DEVICE

**AMENDMENT AFTER FINAL REJECTION UNDER 37 CFR §1.116**

Director of the U.S. Patent and Trademark Office  
Washington, D.C. 20231

Sir:

In reply to the November 19, 2003 Office Action, the period for reply being extended by the attached Petition for Extension of Time, please amend the above-identified application as follows:

**IN THE CLAIMS:**

Please replace claims 1, 11, 12, 15 and 24 as follows:

1. (Four Times Amended) A method of manufacturing a semiconductor device comprising:

placing a semiconductor assembly in which a semiconductor chip is secured to  
04/30/2003 AWALKER 00000002 09424500  
a die pad of a lead frame in a cavity of a mold;

applying a pressure in only one direction to the semiconductor assembly 01 FC:1291 168.00 OP  
least one support pin so as to cause a stress in the lead frame; 01 FC:1252 300.00 OP

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## **PATENT APPLICATION**

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Attorney Docket No.: 104788

**AMENDMENT TRANSMITTAL**

In re the Application of

Akira SATO

Group Art Unit: 2825

Application No.: 09/424,500

Examiner: G. Lee

Filed: February 22, 2000

For: METHOD OF MANUFACTURING SEMICONDUCTOR DEVICE, MOLDING DEVICE FOR SEMICONDUCTOR DEVICE, AND SEMICONDUCTOR DEVICE

Director of the U.S. Patent and Trademark Office  
Washington, D.C. 20231

Sir:

Transmitted herewith is an Amendment in the above-identified application.

- Entitlement to small entity status is hereby asserted.
  - Small entity status of this application has been established.

The filing fee has been calculated as shown below:

(Column 1)	(Column 2)	(Column 3)	SMALL ENTITY	OTHER THAN A SMALL ENTITY
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA	
TOTAL CLAIMS	*30 MINUS	**30	=	
INDEP CLAIMS	*5 MINUS	***3	=2	
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEP. CLAIM				
		RATE	ADD'L FEE	QR RATE
		x 9	\$	x 18 \$
		x 42	\$	x 84 \$168
		+ 140 :	\$	+280 \$
			\$	

- \* If the entry in Column 1 is less than the entry in Column 2, write "0" in Column 3.
  - \*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.
  - \*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space.

The "Highest Number Previously Paid For" in this space (Total or Independent) is the highest number found from the equivalent box in Column 1 of a prior Amendment or the number of claims originally filed.

Check No. 141475 in the amount of \$168.00 is attached. The Director is hereby authorized to charge any other fees that may be required to complete this filing, or to credit any overpayment, to Deposit Account No. 15-0461. Two duplicate copies of this sheet are attached.

Respectfully submitted,

$\beta_i = m \cdot \alpha$

James A. Oliff  
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Benjamin M. Halpern  
Registration No. 46,494

JAO·BMH/can

Date: April 21, 2003